

# Science Toolkit: Grade 4 Objective 3.A.1.b

Student Handout: Science: Grade 4 Objective 3.A.1.b

Standard 3.0 Life Science

Topic A. Diversity of Life

Indicator 1. Explain how animals and plants can be grouped according to observable features.










Objective b. Classify a variety of animals and plants according to their observable features and provide reasons for placing them into different groups.

Selected Response (SR) Item

Question

Use the information below to answer the following.

A scientist studied an estuary, the area where fresh water from a river empties into salty ocean water. The scientist classified nine estuary organisms into the three groups shown below.

Birds	Plants	Animals
 Great Blue Heron	 Salt Grass	 Blue Crab
 Laughing Gull	 Eelgrass	 Horseshoe Crab
 Osprey	 Sallow Sedge	 Hard Clam

The physical features of an animal are described in the table below.

Physical Features
<ul style="list-style-type: none"><li>• Hard shell</li><li>• Hinged shell</li><li>• Fleshy inside</li></ul>

Which animal best fits this description?

- A. blue crab
- B. hard clam
- C. laughing gull
- D. sallow sedge










Correct Answer

B. hard clam

## Question

Use the information below to answer the following.

A scientist studied an estuary, the area where fresh water from a river empties into salty ocean water. The scientist classified nine estuary organisms into the three groups shown below.

Birds	Plants	Animals
 Great Blue Heron	 Salt Grass	 Blue Crab
 Laughing Gull	 Eelgrass	 Horseshoe Crab
 Osprey	 Sallow Sedge	 Hard Clam

The physical features of an animal are described in the table below.

Physical Features
<ul style="list-style-type: none"> <li>• Hard shell</li> <li>• Hinged shell</li> <li>• Fleshy inside</li> </ul>

Which animal best fits this description?

- A. blue crab
- B. hard clam
- C. laughing gull
- D. sallow sedge